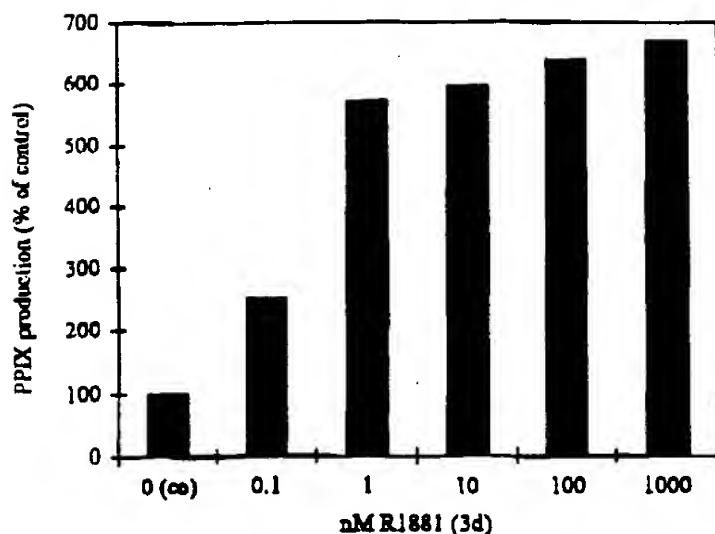
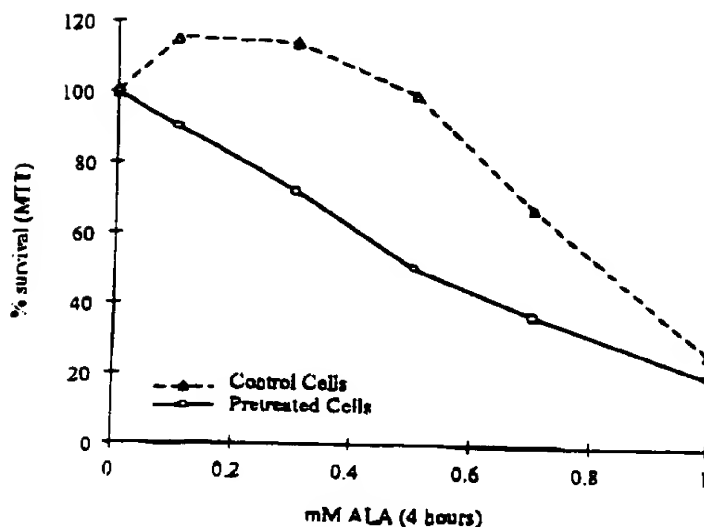


# ALA-induced PpIX in R1881-treated LNCaP cells



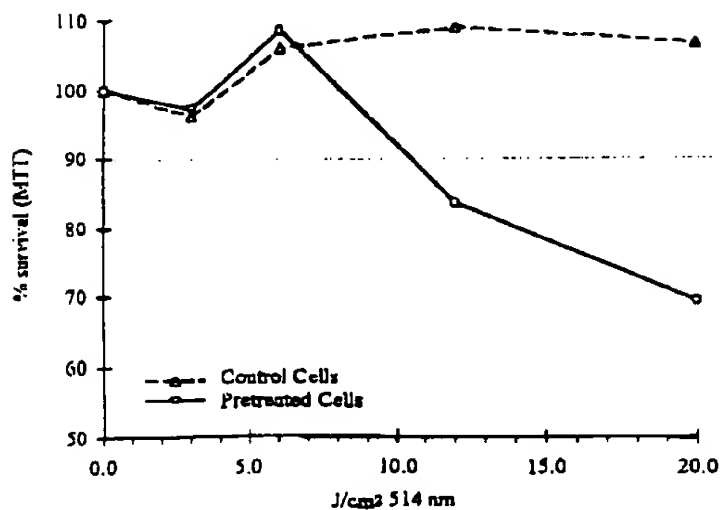
**Figure 1.** ALA-induced PpIX formation by LNCaP human prostate cancer cells. The cells were incubated for 4 hours with 0.3 mM ALA after 72 hours of pretreatment with the synthetic androgen R1881 at concentrations between  $10^{-10}$  to  $10^{-6}$ . The PpIX formation is recorded as % of cells without androgen treatment and shows a significant increase in R1881-treated cells.

## LNCaP + 3d $10^{-7}$ M R1881, 10 J/cm<sup>2</sup> 514 nm



**Figure 2.** ALA-induced PpIX for PDT of LNCaP cells with (circles) or without (triangles) pretreatment for 72 hours with  $10^{-7}$  M R1881. The cells were incubated with ALA concentrations from 0.1 to 1.0 mM for four hours prior to exposure to 10 J/cm<sup>2</sup> of 514 nm light. Reduced survival of R1881-pretreated cells.

LNCaP +  $10^{-7}$  M R1881 (3d), 0.3 mM ALA (4h)



**Figure 3.**

PDT using ALA-induced PpIX in LNCaP cells with (circles) or without (triangles) pretreatment for 72 hours with  $10^{-7}$  M R1881. The cells were incubated with 0.3 mM ALA for four hours prior to exposure to 3-20 J/cm² of 514 nm light. Reduced survival of R1881-pretreated cells.

4

A

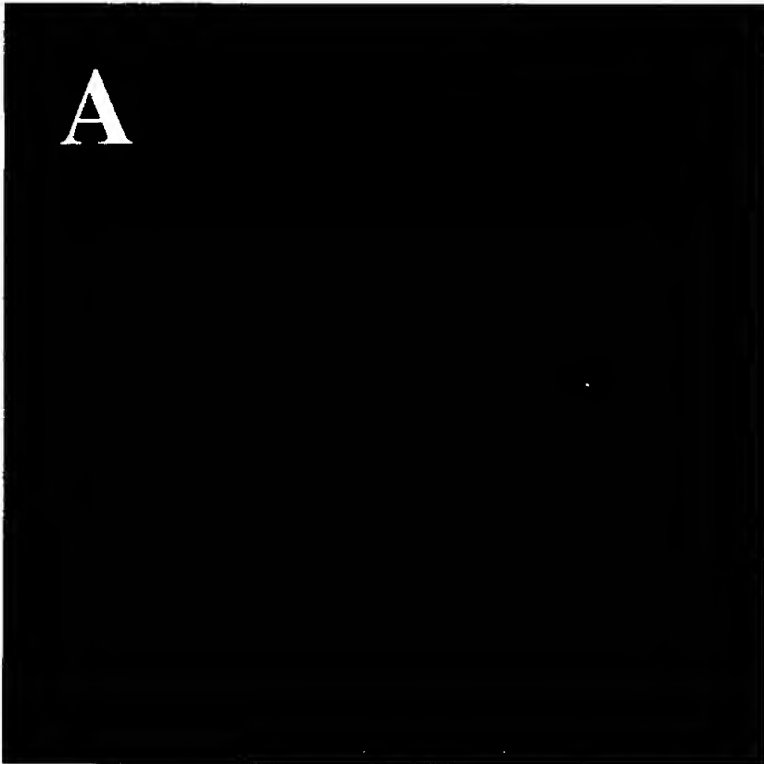
4

B

Fig. 4A-B



5



5

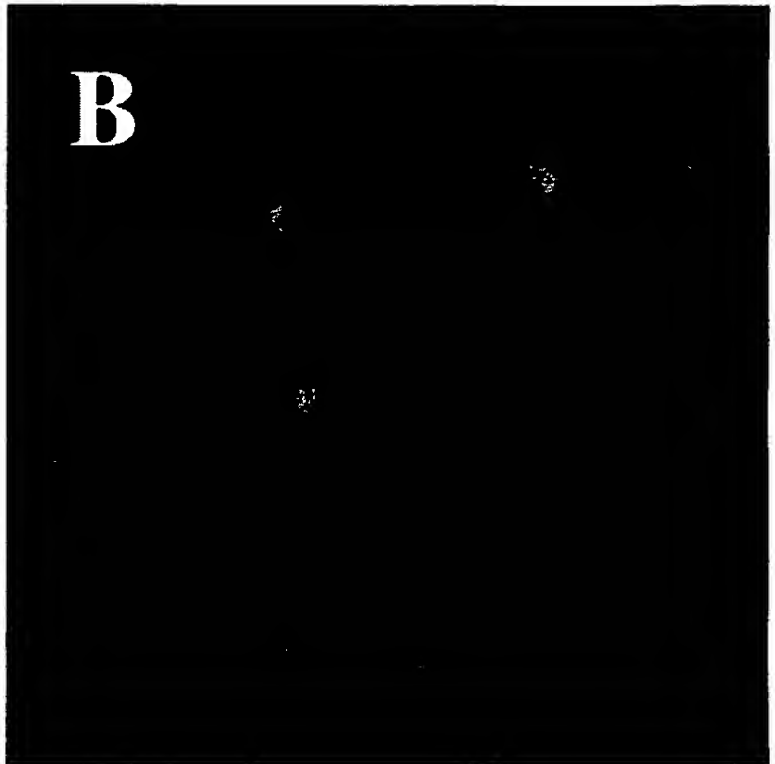


Fig 5A - B